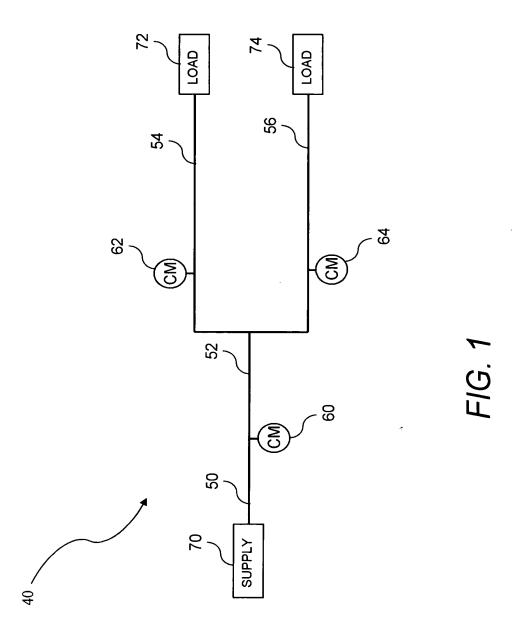
Application No.: Not Assigned Filed: November 24, 2003 Attorney Docket No.: SPL-45/47181-00282USPT Attorney: Cynthia K. Thompson Telephone No.: (312) 425-3900 Sheet 1 of 4



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Voltage 0	0	0	0	0	0	0	0	0	0	+	+	+	+	+	+	+	+	+	·	•	1	1	,	—	 	<u> </u>	 	0 0 0 0 0 0 0 0 + + + + + + + + + + +
Current	0	0	0	+	+	+	ı	ı	ı	0	0	0	+	+	+	1	•	1	0	0	0	+	+	+	-		·	0 + + + + 0 0 0 + + + + 0 0 0 + + + + = increase
Power	0	+	ı	0	+	ı	0	+	•	0	+	ī	0	+	•	0	+	T-	0	+	•	0	+	,	0	+	<u>.</u>	0 + - 0 + - 0 + - 0 + - 0 + - 0 + - 0 + - 0 + - 0 + - 0 + - 0 + -
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Direction	0	0	0	0	0	0	0	0	0	ı		+	ı	ı	0	+	1	+	1	+	ı	+	+			-	÷	0 0 0 0 0 0 0 0 - - + - 0 + - + - + - + - + - + - 0 - + + + - 0 0
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		Γ	Ι	-		Γ	
Upstream	Upstream	Upstream	CA + CB		FBA	TBA	
Upstream	Unknown Downstream	Downstream Upstream Downstream	CA + CB		FBA	TBB	
Upstream	Unknown	Upstream	CA + CB		FBA	TBA	
Downstream Upstream	Upstream	Downstream	CA + CB		FBA	TBA	
Downstream	Downstream	Downstream	CA>=CB: CA-CB	CB>CA: CB-CA	FBA	CA>=CB: TBA	CB>CA: TBB
Unknown Downstream	Unknown	Downstream	+ CB CA + CB		FBA	TBA	-
Unknown	Upstream	Upstream	CA + CB		FBA	TBB	
Unknown	Downstream Upstream	Downstream Upstream Downstream	CA+CB		FBA	188	
DA Unknown	Unknown	Unknown	CC CA+CB		FBA	TBA	
A	08	വ	႘		FBC	TBC	

FBA = FROM BUS, BRANCH A FBB = FROM BUS, BRANCH B TBA = TO BUS, BRANCH A TBB-= TO BUS, BRANCH B

DA = DIRECTION, BRANCH A
DB = DIRECTION, BRANCH B
CA = CONFIDENCE, BRANCH A
CB = CONFIDENCE, BRANCH B

DC = DIRECTION, COMBINATION CC = CONFIDENCE COMBINATION FBC = FROM BUS, COMBINATION TBC= TO BUS, COMBINATION

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Telephone No.: (312) 425-3900
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Upstream	Upstream	Upstream			CA + CB		FBA	TBA
Upstream	Downstream	CB>=CA:	Downstream	CA>CB: Upstream	CA + CB CB>=CA: CB - CA CA + CB	CA>CB: CA - CB	FBA	T88
Upstream	Unknown	Upstream			CA + CB		FBA	TBA
Downstream	Upstream	Downstream			CA+CB		FBA	TBA
Downstream Downstream Downstream	Downstream	Downstream			CA+CB		FBA	TBB
Downstream	Unknown	Downstream Downstream			CA + CB		FBA	TBA
Unknown	Upstream	Upstream			CA + CB		FBA	TBB
Unknown	Unknown Downstream	Unknown Downstream			CA + CB		FBA	TBB
DA Unknown	Unknown				CC CA+CB		FBA	TBA
ĕ	DB	20			ပ္ပ		FBC	TBC

FBA = FROM BUS, BRANCH A FBB = FROM BUS, BRANCH B TBA = TO BUS, BRANCH A TBB- TO BUS, BRANCH B

DB = DIRECTION, BRANCH B CA = CONFIDENCE, BRANCH A CB = CONFIDENCE, BRANCH B

DA = DIRECTION, BRANCH A

TBC= TO BUS, COMBINATION DC = DIRECTION, COMBINATION CC = CONFIDENCE COMBINATION FBC = FROM BUS, COMBINATION